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HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : JURNAL ILMIAH

Judul Jurnal Ilmiah (Artikel) : Antibacterial activity and proximate analysis of Sargassum extracts as cosmetic additives in a moisturizer cream

Jumlah Penulis : 6 orang

Status Pengusul : Penulis Anggota

Identitas Jurnal Ilmiah :

a. Nama Jurnal : AACL Bioflux

b. Nomor ISSN : 1844-9166

c. Volume, nomor, bulan tahun : 2019, Volume 12, Issue 5.

d. Penerbit : Bioflux

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g. Terindeks di Scopus/Scimagojr/SJR= dan .

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 - Metodologi & plotan yg cukup distimulasi dan diberikan rujukan yg digunakan
 - Kecukupan protaka dan kemutakhirannya cukup, kan lg protaka dari 36 protaka (52.7%) ≤ 10 tahun.
 - Hasil penelitian ini cukup bermanfaat bagi pengembangan bahan alam pengendali penyakit bakteri.
 - Kelengkapan unsur dan kualitas penulisan - baik.
- Semarang, 10 Januari 2020
Reviewer 1


Prof. Dr. Ir. Slamet Budi Prayitno, M.Sc
NIP. 195506281981031005
Unit kerja : Ilmu Kelautan FPIK Undip

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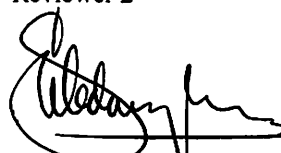
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- a. Sistematika artikel sesuai "Guide to Author", abstract, introduction, Material and Methods, Results and discussion, conclusion, Acknowledgment, references. Pada bagian mana antara judul dan Abstrak.
- b. Kedalaman artikel: Baik, dari 36 atau lebih paragraf, 21 buah (SDG) digunakan untuk memberikan hasil penelitian. Ruang lingkup artikel sesuai dengan dalam bidang ilmu kesehatan.
- c. Kemutakhiran artikel: Baik, dari 36 atau lebih paragraf, 18 buah terbit dalam 10 tahun terakhir (50%). Metodologi sesuai perkembangan IPTEK.
- d. Jurnal internasional terindeks Scopus dan/atau SJR: 0,23 (q3)


Semarang,
Reviewer 2



Prof. Dr. Ir. Agus Sabdono, M.Sc
NIP. 195806151985031001
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Volume 12, Issue 5, 2019, Pages 1961-1969

Antibacterial activity and proximate analysis of Sargassum extracts as cosmetic additives in a moisturizer cream (Article)

Widowati, I.^a , Suprijanto, J.^a , Trianto, A.^a , Puspita, M.^b , Bedoux, G.^c , Bourgougnon, N.^c  

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^aMarine Science Department, Faculty of Fisheries and Marine Science, Diponegoro University, Semarang, 50275, Indonesia
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^cUniversité de Bretagne-Sud, Laboratoire de Biotechnologie et Chimie Marines, Campus de Tohannic, Vannes, 56000, France


Abstract

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Indonesia is known for its marine biodiversity, including the richness of its brown seaweed, Sargassum. This genus has attracted many attention as it produces active compounds showing potential for the food, pharmacology and cosmetic industries. In this study, a mixture of *S. duplicatum*, *S. echinocarpum* and *S. polycystum* extracts was applied as an additive in a moisturizer cream serving as an antibacterial agent. Proximate analysis was conducted to evaluate the chemical composition in Sargassum spp. There were 5 moisturizer creams prepared: A (standard), B (without antibacterial agent), C (with antibacterial agent), D (with Sargassum extracts and antibacterial agent) and E (with Sargassum extracts but without antibacterial agent). Antibacterial analyses showed that cream E had the best antibacterial activity in this study. It indicates that the crude extract of Sargassum added in the cream could inhibit the development of bacteria for a longer period of time. Bioactive compounds contained in *S. duplicatum*, *S. echinocarpum*, *S. polycystum* are steroids, quinones, flavonoids and alkaloids. Saponins were only found in *S. duplicatum*. The five cosmetic creams presented adequate odor and color. These results indicate that Sargassum shows a promising potential as a cosmetic additive that could replace commercial antibacterial agents. © 2019, BIOFLUX SRL. All rights reserved.

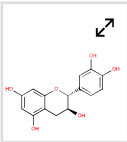
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[Antibacterial agent](#) [Brown seaweed](#) [Cosmetic application](#) [Sargassum](#)



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(2012) *Marine Drugs*

Anti-proliferative activity and chemical characterization by comprehensive two-dimensional liquid chromatography coupled to mass spectrometry of phlorotannins from the brown macroalga Sargassum muticum collected on North-Atlantic coasts

Montero, L. , Sánchez-Camargo, A.P. , García-Cañas, V.
(2016) *Journal of Chromatography A*

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(2019) *Journal of Applied Phycology*

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-
- ☐ 1 Amsler, C.D., Fairhead, V.A.
Defensive and Sensory Chemical Ecology of Brown Algae
(2005) *Advances in Botanical Research*, 43 (C), pp. 1-91. Cited 201 times.
doi: 10.1016/S0065-2296(05)43001-3
[View at Publisher](#)
-
- ☐ 2 Balboa, E.M., Conde, E., Moure, A., Falqué, E., Domínguez, H.
In vitro antioxidant properties of crude extracts and compounds from brown algae
(2013) *Food Chemistry*, 138 (2-3), pp. 1764-1785. Cited 189 times.
doi: 10.1016/j.foodchem.2012.11.026
[View at Publisher](#)
-
- ☐ 3 Balboa, E.M., Gallego-Fábrega, C., Moure, A., Domínguez, H.
Study of the seasonal variation on proximate composition of oven-dried *Sargassum muticum* biomass collected in Vigo Ria, Spain
(2016) *Journal of Applied Phycology*, 28 (3), pp. 1943-1953. Cited 17 times.
www.wkap.nl/journalhome.htm/0921-8971
doi: 10.1007/s10811-015-0727-x
[View at Publisher](#)
-
- ☐ 4 Bauer, A.W., Kirby, W.M., Sherris, J.C., Turck, M.
Antibiotic susceptibility testing by a standardized single disk method.
(1966) *American Journal of Clinical Pathology*, 45 (4), pp. 493-496. Cited 10593 times.
[View at Publisher](#)
-
- ☐ 5 Bedoux, G., Hardouin, K., Burlot, A.S., Bourgougnon, N.
Bioactive components from seaweeds: Cosmetic applications and future development
(2014) *Advances in Botanical Research*, 71, pp. 345-378. Cited 44 times.
http://www.elsevier.com/locate/bookdescription.cws_home/675801/description#description
doi: 10.1016/B978-0-12-408062-1.00012-3
[View at Publisher](#)
-
- ☐ 6 Bhadury, P., Wright, P.C.
Exploitation of marine algae: Biogenic compounds for potential antifouling applications
(2004) *Planta*, 219 (4), pp. 561-578. Cited 190 times.
link.springer.de/link/service/journals/00425/index.htm
doi: 10.1007/s00425-004-1307-5
[View at Publisher](#)
-
- ☐ 7 Connan, S.
(2004) *Study of the Specific Biodiversity of Macroalgae at Pointe De Bretagne and Analysis of Phenolic Compounds of Dominant Phaeophyceae*, p. 280.
Université de Bretagne Occidentale, in French
-
- ☐ 8 Engelen, A.H., Espirito-Santo, C., Simões, T., Monteiro, C., Serrão, E.A., Pearson, G.A., Santos, R.O.P.
Periodicity of propagule expulsion and settlement in the competing native and invasive brown seaweeds, *Cystoseira humilis* and *Sargassum muticum* (Phaeophyta) (Open Access)
(2008) *European Journal of Phycology*, 43 (3), pp. 275-282. Cited 26 times.
doi: 10.1080/09670260801979279
[View at Publisher](#)

- ☐ 9 Fairhead, V.A., Amsler, C.D., McClintock, J.B., Baker, B.J.
Within-thallus variation in chemical and physical defences in two species of ecologically dominant brown macroalgae from the Antarctic Peninsula
(2005) *Journal of Experimental Marine Biology and Ecology*, 322 (1), pp. 1-12. Cited 33 times.
doi: 10.1016/j.jembe.2005.01.010
[View at Publisher](#)
-
- ☐ 10 Gómez, I., Huovinen, P.
Induction of phlorotannins during UV exposure mitigates inhibition of photosynthesis and DNA damage in the kelp *lessonia nigrescens*
(2010) *Photochemistry and Photobiology*, 86 (5), pp. 1056-1063. Cited 53 times.
doi: 10.1111/j.1751-1097.2010.00786.x
[View at Publisher](#)
-
- ☐ 11 Haque, F.K.M., Yesmin Chy, S., Akter, S., Wahab, A., Nath, K.K.
2009 Collection, identification and biochemical analyses of different seaweeds from Saint Martin's island
Journal of Radiation Oncology, 73, pp. 59-65.
-
- ☐ 12 Hellio, C., Simon-Colin, C., Clare, A.S., Deslandes, E.
Isethionic acid and floridoside isolated from the red alga, *Grateloupia turuturu*, inhibit settlement of *Balanus amphitrite* cyprid larvae
(2004) *Biofouling*, 20 (3), pp. 139-145. Cited 51 times.
doi: 10.1080/08927010412331279605
[View at Publisher](#)
-
- ☐ 13 Kloareg, B., Quatrano, R.S.
Structure of the cell walls of marine algae and ecophysiological functions of the matrix polysaccharides (1988) *Oceanography and Marine Biology*, 26, pp. 259-315. Cited 459 times.
-
- ☐ 14 Koivikko, R., Loponen, J., Honkanen, T., Jormalainen, V.
Contents of soluble, cell-wall-bound and exuded phlorotannins in the brown alga *Fucus vesiculosus*, with implications on their ecological functions
(2005) *Journal of Chemical Ecology*, 31 (1), pp. 195-212. Cited 180 times.
doi: 10.1007/s10886-005-0984-2
[View at Publisher](#)
-
- ☐ 15 Le Lann, K., Jégou, C., Stiger-Pouvreau, V.
Effect of different conditioning treatments on total phenolic content and antioxidant activities in two Sargassacean species: Comparison of the frondose *Sargassum muticum* (Yendo) Fensholt and the cylindrical *Bifurcaria bifurcata* R. Ross
(2008) *Phycological Research*, 56 (4), pp. 238-245. Cited 52 times.
[http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1440-1835](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1440-1835)
doi: 10.1111/j.1440-1835.2008.00505.x
[View at Publisher](#)
-
- ☐ 16 Liu, L., Heinrich, M., Myers, S., Dworjanyn, S.A.
Towards a better understanding of medicinal uses of the brown seaweed *Sargassum* in Traditional Chinese Medicine: A phytochemical and pharmacological review
(2012) *Journal of Ethnopharmacology*, 142 (3), pp. 591-619. Cited 133 times.
doi: 10.1016/j.jep.2012.05.046
[View at Publisher](#)
-
- ☐ 17 Lopes, G., Sousa, C., Silva, L.R., Pinto, E., Andrade, P.B., Bernardo, J., Mouga, T., (...), Valentão, P.
Can phlorotannins purified extracts constitute a novel pharmacological alternative for microbial infections with associated inflammatory conditions? ([Open Access](#))
(2012) *PLoS ONE*, 7 (2), art. no. e31145. Cited 84 times.
<http://www.plosone.org/article/fetchObjectAttachment.action?uri=info%3Adoi%2F10.1371%2Fjournal.pone.0031145&representation=PDF>
doi: 10.1371/journal.pone.0031145
[View at Publisher](#)

-
- ☐ 18 **Marinho-Soriano, E., Fonseca, P.C., Carneiro, M.A.A., Moreira, W.S.C.**
Seasonal variation in the chemical composition of two tropical seaweeds
- (2006) *Bioresource Technology*, 97 (18), pp. 2402-2406. Cited 221 times.
doi: 10.1016/j.biortech.2005.10.014
- [View at Publisher](#)
-
- ☐ 19 **Nagayama, K., Iwamura, Y., Shibata, T., Hirayama, I., Nakamura, T.**
Bactericidal activity of phlorotannins from the brown alga *Ecklonia kurome* ([Open Access](#))
- (2002) *Journal of Antimicrobial Chemotherapy*, 50 (6), pp. 889-893. Cited 242 times.
doi: 10.1093/jac/dkf222
- [View at Publisher](#)
-
- ☐ 20 **Neish, I., Salling, P., Klose, J.**
(2015) *Carrageenan and Agar: Indonesia, beyond the Land of Cottonii and Gracilaria*, p. 44. Cited 2 times.
Ministry of Marine Affairs and Fisheries, Swiss Import Promotion Programme
-
- ☐ 21 **Park, H.Y., Cho, Y.J., Oh, K.S., Koo, J.K., Lee, N.G.**
(2000) *Applied Seafood Processing*, pp. 39-42. Cited 2 times.
Suhyup Pub Co, Seoul, Korea
-
- ☐ 22 **Puspita, M., Deniel, M., Widowati, I., Radjasa, O.K., Douzenel, P., Bedoux, G., Bourgougnon, N.**
Antioxidant and antibacterial activity of solid-liquid and enzyme-assisted extraction of phenolic compound from three species of tropical *Sargassum* ([Open Access](#))
- (2017) *IOP Conference Series: Earth and Environmental Science*, 55 (1), art. no. 012057. Cited 6 times.
<http://www.iop.org/EJ/volume/1755-1315>
doi: 10.1088/1755-1315/55/1/012057
- [View at Publisher](#)
-
- ☐ 23 **Puspita, M., Déniel, M., Widowati, I., Radjasa, O.K., Douzenel, P., Marty, C., Vandanjon, L., (...), Bourgougnon, N.**
Total phenolic content and biological activities of enzymatic extracts from *Sargassum muticum* (Yendo) Fensholt
- (2017) *Journal of Applied Phycology*, 29 (5), pp. 2521-2537. Cited 13 times.
www.wkap.nl/journalhome.htm/0921-8971
doi: 10.1007/s10811-017-1086-6
- [View at Publisher](#)
-
- ☐ 24 **Ragan, M.A., Glombitza, K.W.**
Phlorotannins, brown algal polyphenols
(1986) *Progress in Phycology Research*, 4, pp. 129-241. Cited 517 times.
-
- ☐ 25 **Rao, D.A., Subbarangaiah, G., Padal, S.B.**
Seasonal growth, reproduction, spore germination, and oospore shedding in *Sargassum ilicifolium* (Turner) C. Ag. of Visakhapatnam coast, Andhra Pradesh, India
(2014) *Advances in Biology and Biomedicine*, 1 (1), pp. 1-12.
-
- ☐ 26 **Rattaya, S., Benjakul, S., Prodpran, T.**
Extraction, antioxidative, and antimicrobial activities of brown seaweed extracts, *Turbinaria ornata* and *Sargassum polycystum*, grown in Thailand ([Open Access](#))
- (2014) *International Aquatic Research*, 7 (1). Cited 10 times.
<http://www.springer.com/environment/aquatic+sciences/journal/40071>
doi: 10.1007/s40071-014-0085-3
- [View at Publisher](#)
-

-
- ☐ 27 Schwartz, N., Rohde, S., Hiromori, S., Schupp, P.J.
Understanding the invasion success of *Sargassum muticum*: herbivore preferences for native and invasive *Sargassum* spp

(2016) *Marine Biology*, 163 (9), art. no. 181. Cited 7 times.
link.springer.de/link/service/journals/00227/index.htm
doi: 10.1007/s00227-016-2953-4

[View at Publisher](#)
-
- ☐ 28 Shibata, T., Ishimaru, K., Kawaguchi, S., Yoshikawa, H., Hama, Y.
Antioxidant activities of phlorotannins isolated from Japanese Laminariaceae

(2008) *Journal of Applied Phycology*, 20 (5), pp. 705–711. Cited 163 times.
doi: 10.1007/s10811-007-9254-8

[View at Publisher](#)
-
- ☐ 29 Stiger-Pouvreau, V., Jégou, C., Cérantola, S., Guérard, F., Lann, K.L.
Phlorotannins in sargassaceae species from brittany (France): Interesting molecules for ecophysiological and valorisation purposes

(2014) *Advances in Botanical Research*, 71, pp. 379–411. Cited 23 times.
http://www.elsevier.com/wps/find/bookdescription.cws_home/675801/description#description
doi: 10.1016/B978-0-12-408062-1.00013-5

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-
- ☐ 30 Tanniou, A., Vandanjon, L., Gonçalves, O., Kervarec, N., Stiger-Pouvreau, V.
Rapid geographical differentiation of the European spread brown macroalga *Sargassum muticum* using HRMAS NMR and Fourier-Transform Infrared spectroscopy

(2015) *Talanta*, 132, pp. 451–456. Cited 18 times.
<https://www.journals.elsevier.com/talanta>
doi: 10.1016/j.talanta.2014.09.002

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-
- ☐ 31 Van Ginneken, V.J.T., Helsper, J.P.F.G., De Visser, W., Van Keulen, H., Brandenburg, W.A.
Polyunsaturated fatty acids in various macroalgal species from north Atlantic and tropical seas
([Open Access](#))

(2011) *Lipids in Health and Disease*, 10, art. no. 104. Cited 97 times.
doi: 10.1186/1476-511X-10-104

[View at Publisher](#)
-
- ☐ 32 Wang, T., Jónsdóttir, R., Liu, H., Gu, L., Kristinsson, H.G., Raghavan, S., Ólafsdóttir, G.
Antioxidant capacities of phlorotannins extracted from the brown algae *Fucus vesiculosus*

(2012) *Journal of Agricultural and Food Chemistry*, 60 (23), pp. 5874–5883. Cited 113 times.
doi: 10.1021/jf3003653

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-
- ☐ 33 Wang, Y., Xu, Z., Bach, S.J., McAllister, T.A.
Sensitivity of *Escherichia coli* to seaweed (*Ascophyllum nodosum*) phlorotannins and terrestrial tannins ([Open Access](#))

(2009) *Asian-Australasian Journal of Animal Sciences*, 22 (2), pp. 238–245. Cited 45 times.
<http://www.ajas.info/>
doi: 10.5713/ajas.2009.80213

[View at Publisher](#)
-
- ☐ 34 Widowati, I., Susanto, A.B., Puspita, M., Stiger-Pouvreau, V., Bourgougnon, N.
Potentiality of using spreading *Sargassum* species from Indonesia as an interesting source of antibacterial and radical scavenging compounds: A preliminary study
(2014) *International Journal of Marine Aquatic Research Conservation and Co-Existence*, 1, pp. 63–67. Cited 4 times.
-


35 Zaragozá, M.C., López, D., Sáiz, M.P., Poquet, M., Pérez, J., Puig-Parellada, P., Màrmol, F., (...), Mitjavila, M.T.

Toxicity and antioxidant activity in vitro and in vivo of two Fucus vesiculosus extracts

(2008) *Journal of Agricultural and Food Chemistry*, 56 (17), pp. 7773-7780. Cited 72 times.
doi: 10.1021/jf8007053

[View at Publisher](#)

36 (2000) *Official Methods of Analysis of AOAC*, p. 238. Cited 678 times.
International 17th edition, Gaithersburg, MD, USA Association of Analytical Communities

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
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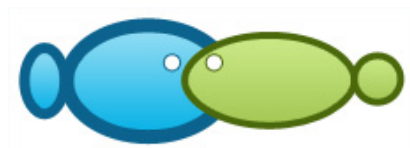
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Yusuf N. S., Andayani S., Risjani Y., Faqih A. R., 2019 Feed enriched with methanol extract of tongkat ali *Eurycoma longifolia* Jack root for masculinization of Nile tilapia *Oreochromis niloticus*. AACL Bioflux 12(5):1481-1492.

Rusmilyansari, Rosadi E., Iriansyah, 2019 Stability and redesign of the Sungkur fishing boats with the towed method in the coastal waters of South Kalimantan. AACL Bioflux 12(5):1493-1503.

Komarudin D., Baskoro M. S., Diniah, Murdiyanto B., Suptijah P., 2019 The effect of chitosan on the characteristics of the ramie rope as fishing gear material. AACL Bioflux 12(5):1504-1513.

Sabaani N. J., Peñaredondo M. A. E., Sepe M. C., 2019 Antibacterial activity of liquid soap with combined *Sargassum* sp. and *Eucheuma* sp. seaweed extracts. AACL Bioflux 12(5):1514-1523.

Saputri D. M., Paradewi M., Sulmartiwi L., Prayogo, Suprpto H., 2019 Cortisol levels in Asian sea bass (*Lates calcarifer*) as response to stress in different transportation systems using rubber seed (*Hevea brasiliensis*) anesthetic. AACL Bioflux 12(5):1524-1530.

Abdel-Rahim M. M., Lotfy A. M., Aly H. A., Sallam G. R., Toutou M. M., 2019 Effects of light source, photoperiod, and intensity on technical and economic performance of meagre, *Argyrosomus regius*, on intensive land-based farms. AACL Bioflux 12(5):1531-1545.

Puspaningsih D., Supriyono E., Nirmala K., Rusmana I., Kusmana C., Widiyati A., 2019 Water quality, hematological parameters and biological performances of Snakehead fish (*Channa striata*) reared in different stocking densities in a recirculating aquaculture system. AACL Bioflux 12(5):1546-1558.

Raji A. A., Junaid Q. O., Oke M. A., Taufek N.-H. M., Muin H., Bakar N.-H. A., Alias Z., Milow P., Simarani K., Razak S. A., 2019 Dietary *Spirulina platensis* and *Chlorella vulgaris* effects on survival and haemato-immunological responses of *Clarias gariepinus* juveniles to *Aeromonas hydrophila* infection. AACL Bioflux 12(5):1559-1577.

Palintorn N., Rujinanont N., Srisathaporn A., Gawborisut S., Wongkaew P., 2019 Effects of dietary supplemented with flesh ripe fruit of local cultivated banana CV. Kluai Namwa on growth performance and meat quality of Nile tilapia. AACL Bioflux 12(5):1578-1591.

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- Al-Awlaqi N. A., Shazili N. A. M., Nurulnadia M. Y., 2019 Spatial and seasonal variation of metal accumulation in brown seaweed, *Padina* spp. on the South China Sea coast of Terengganu, Peninsular Malaysia. AACL Bioflux 12(5):1592-1605.**
- Irhayyim T., Fotedar R., 2019 Effects of fish size and biofiltration techniques on water quality and nitrogen removal efficiency in recirculating aquaculture systems. AACL Bioflux 12(5):1606-1616.**
- Irnawati R., Surilayani D., Mustahal M., 2019 Bio-economic model of demersal fish resources in Banten Bay waters. AACL Bioflux 12(5):1617-1622.**
- Amane Z., Tazi L., Idhalla M., Chlaida M., 2019 Morphometric analysis of European clam *Ruditapes decussatus* in Morocco. AACL Bioflux 12(5):1623-1634.**
- Ishak E., Setyobudiandi I., Yulianda F., Boer M., 2019 Sex ratio and minimum size at sexual maturity of *Haliotis asinina* in the seagrass vegetation of Tapulaga, Southeast Sulawesi. AACL Bioflux 12(5):1635-1642.**
- Tuhumena J. R., Tapilatu R. F., Boli P., 2019 The effect of type and duration of substrate collector placement to the coral genus recruitment in Saleo Beach Area, Dampier Strait, Raja Ampat, Indonesia. AACL Bioflux 12(5):1643-1652.**
- Lunggani A. T., Imtiyaz F. D., Darmanto Y., Radjasa O. K., Sabdono A., 2019 Genetic screening of a marine pigmented NRPS-producing bacterium associated with brown algae exhibiting anti-*Vibrio* activity. AACL Bioflux 12(5):1653-1661.**
- Nieves P. M., Nolia J. C. C., 2019 Post-harvest handling practices for glass eel along rivers and tributaries in Lagonoy Gulf, Philippines. AACL Bioflux 12(5):1662-1671.**
- Yasa N. S., Murwantoko, Isnansetyo A., Handayani N. S. N., Triastutik G., Anshory L., 2019 Physiological stress response and gene expression of the Hsp70 and Hsp90 in abalone *Haliotis squamata* under thermal shock. AACL Bioflux 12(5):1672-1687.**
- Khasani I., Astuti D. N., 2019 Albumin level, growth and survival rate of snakehead fish (*Channa striata*) from three islands of Indonesia. AACL Bioflux 12(5):1688-1697.**
- Kusdiantoro, Fahrudin A., Wisudo S. H., Juanda B., 2019 The economic impact of capture fisheries development in Indonesia. AACL Bioflux 12(5):1698-1709.**
- Kasim M., Marlia, Abdullah, Balubi A. M., Djalil W., 2019 Succession of epiphyte on thallus of *Kappaphycus alvarezii* (Rhodophyta) in horizontal net cage culture. AACL Bioflux 12(5):1710-1717.**
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- Hutajulu H., Imran Z., Budiharsono S., Kusumastanto T., 2019 Economic structure analysis in the development of skipjack tuna (*Katsuwonus pelamis*) fisheries industry in Jayapura City, Papua, Indonesia. AACL Bioflux 12(5):1726-1737.**

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Serang A. M., Dangeubun J. L., Syahailatua D. Y., 2019 Effect of artificial feed enriched with *Alstonia acuminata* plant on humpback grouper *Cromileptes altivelis* parents. AACL Bioflux 12(5):1738-1745.

Sirakov I., 2019 The influence of two different lights intensities on cleaning capacity and productivity in aquaponic filter part of biological filtration in recirculation aquaculture system. AACL Bioflux 12(5):1746-1754.

Matielo M. D., Goncalves Jr. L. P., Pereira S. L., Selvatici P. D. C., Mendonca P. P., Troina C. A., 2019 Five different foods in initial development of Siamese fighting fish (*Betta splendens*). AACL Bioflux 12(5):1755-1761.

Manliclic A. D. C., Consigna M. J. S., Rabadon M. L. L., Corpuz M. N. C., 2019 Black background improves the population growth of euryhaline rotifer, *Brachionus rotundiformis* reared in two photoperiod regimes. AACL Bioflux 12(5):1762-1770.

Herawati V. E., Ayu R., Darmanto Y., Rismaningsih N., Windarto S., Karnaradjasa O., 2019 Amino acid and fatty acid profiles of Mozambique tilapia (*Oreochromis mossambicus*) in different aquaculture systems from Indonesian waters. AACL Bioflux 12(5):1771-1778.

Aspiany, Anggoro S., Purwanti F., Gunawan B. I., 2019 Strategies for sustainable ecotourism development in the marine waters of Bontang City, Indonesia. AACL Bioflux 12(5):1779-1787.

Hartono D., Adiprasetyo T., Sumartono E., 2019 Sustainable development model of small outermost islands in Indonesia: study case of Enggano Island, Bengkulu Province development simulation model. AACL Bioflux 12(5):1789-1798.

Amrullah, Rosyida E., Ardiansyah, Hartinah, Wahidah, 2019 Morphological characters of the giant mottled eel (*Anguilla marmorata*) from the waters of Sulawesi, Indonesia. AACL Bioflux 12(5):1799-1805.

Musa M., Buwono N. R., Iman M. N., Ayuning S. W., Lusiana E. D., 2019 Pesticides in Kalisat River: water and sediment assessment. AACL Bioflux 12(5):1806-1813.

Singkoh M. F. O., Mantiri D. M. H., Lumenta C., Manoppo H., 2019 Biomineral characterization and antibacterial activity of marine algae *Tricleocarpa fragilis* from Kora-kora coastal waters of Minahasa Regency, Indonesia. AACL Bioflux 12(5):1814-1822.

Wijayanto D., Setiyanto I., Setyawan H. A., 2019 Financial analysis of the Danish seine fisheries business in Rembang Regency, Indonesia. AACL Bioflux 12(5):1823-1831.

Pangestika W., Putra S., 2019 The utilization of sludge of dairy wastewater as an additive to increase protein and iron levels in fish. AACL Bioflux 12(5):1832-1840.

Rachmawati D., Hutabarat J., Samidjan I., Herawati V. E., Windarto S., 2019 The effects of *Saccharomyces cerevisiae*-enriched diet on feed usage efficiency, growth performance and survival rate in Java barb (*Barbonymus gonionotus*) fingerlings. AACL Bioflux 12(5):1841-1849.

Ruchin A. B., 2019 Rearing carp (*Cyprinus carpio*) in different light: mini-review. AACL Bioflux 12(5):1850-1865.

Sriwulan, Azwar A., Rantetondok A., Anshary H., 2019 Screening and application of lactic acid bacteria isolated from vanamei shrimp (*Litopenaeus vannamei*) intestine as a probiotic potential for tiger shrimp (*Penaeus monodon*). AACL Bioflux 12(5):1866-1881.

Syahrir M., Hanjoko T., Adnan A., Yasser M., Efendi M., Budiarsa A. A., Raafi M., Bulan D. E., 2019 Community structure of estuarine reef fish in Muara Ilu, Mahakam Delta, Indonesia. AACL Bioflux 12(5):1882-1901.

Mahmudi M., Lusiana E. D., Arsad S., Buwono N. R., Darmawan A., Nisya T. W., Gurinda G. A., 2019 A study on phosphorus-based carrying capacity and trophic status index of floating net cages area in Ranu Grati, Indonesia. AACL Bioflux 12(5):1902-1908.

La Sara, Astuti O., Muzuni, Safilu, 2019 Status of blue swimming crab (*Portunus pelagicus*) population in Southeast Sulawesi waters, Indonesia. AACL Bioflux 12(5):1909-1917.

Sulistiono, Ridwan, Jusadi D., Samson S., Serosero R., 2019 Study on the coconut crab (*Birgus latro*) *in-situ* rearing in Derawan Islands, Indonesia: feeding artificial food (part 1): AACL Bioflux 12(5):1918-1928.

Ben Yahkoub Y., Fekhaoui M., El Abidi A., Yahyaoui A., 2019 Study of metallic trace elements and pesticides in the Louisiana crawfish (*Procambarus clarkii* Girard, 1852) in the Gharb and the Loukkos regions, Morocco. AACL Bioflux 12(5):1929-1937.

Juliani, Anggoro S., Saputra S. W., Helminuddin, 2019 Sustainability assessment of Devis' anchovy (*Encrasicholina devisi* (Whitley, 1940)) (Clupeiformes: Engraulidae) fisheries based on biology aspects, Kutai Kartanegara, Indonesia. AACL Bioflux 12(5):1938-1950.

Kurniawan A., Musa M., Salamah L. N., Yamamoto T., Prihanto A. A., Amin A. A., 2019 Analysis of physicochemical properties of natural biofilm matrices formed in a sub-tropical region (Lake Biwa, Japan) and a tropical region (Karangkates Reservoir, Indonesia). AACL Bioflux 12(5):1951-1960.

Widowati I., Suprijanto J., Trianto A., Puspita M., Bedoux G., Bourgougnon N., 2019 Antibacterial activity and proximate analysis of *Sargassum* extracts as cosmetic additives in a moisturizer cream. AACL Bioflux 12(5):1961-1969.

Sabdaningsih A., Cristianawati O., Sibero M. T., Aini M., Radjasa O. K., Sabdono A., Trianto A., 2019 Anti MDR *Acinetobacter baumannii* of the sponges-associated fungi from Karimunjawa National Park. AACL Bioflux 12(5):1970-1983.

Ernaningsih, Ihsan, Hasrun, Saleh K., 2019 Financial analysis of coral trout *Plectropomus leopardus* using handline fishing gear in Sarappo Island, Pangkep Regency, South Sulawesi. AACL Bioflux 12(5):1984-1993.

Agustina, Prayitno S. B., Sabdono A., Saptiani G., 2019 Pathogenicity assay of probiotic-potential bacteria from the Kelabau fish (*Osteochilus melanopleurus*).

AACL Bioflux 12(5):1994-2003.

Artanto Y. H., Prayitno S. B., Sarjito, Desrina, Haditomo A. C., 2019 Molecular characteristics of Indonesian *Enterocytozoon hepatopenaei* isolates based on sequence analysis of spore wall protein genes. AACL Bioflux 12(5):2004-2014.

Irfan M., Wahab I. H., Sarni, Subur R., Akbar N., 2019 Seaweed *Sargassum* sp. as material for biogas production. AACL Bioflux 12(5):2015-2019.

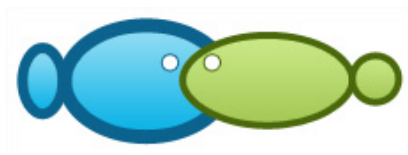
Muis, Kurnia R., Sulistiono, Taryono, 2019 Coral reefs status and fish species in coastal waters of Spelman Straits, Southeast Sulawesi, Indonesia. AACL Bioflux 12(5):2020-2029.

Kpogue D. N. S., Aboh A. B., Vodounnou D. S. J. V., Malomon F., Agonha S., Fiogbe E. D., 2019 Chicken viscera meal valorization in feeding of African sneakhead fish fingerlings (*Parachanna obscura*) reared in captivity: zootechnical performances, feed utilization and composition. AACL Bioflux 12(5):2030-2039.

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